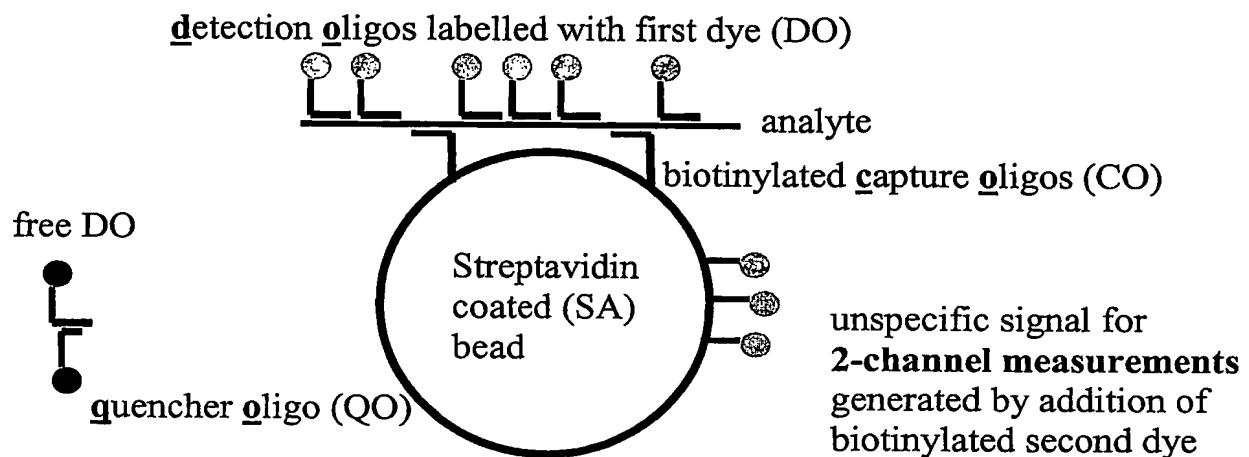


Figure 1



Free DO are quenched upon hybridisation to QO

Figure 2

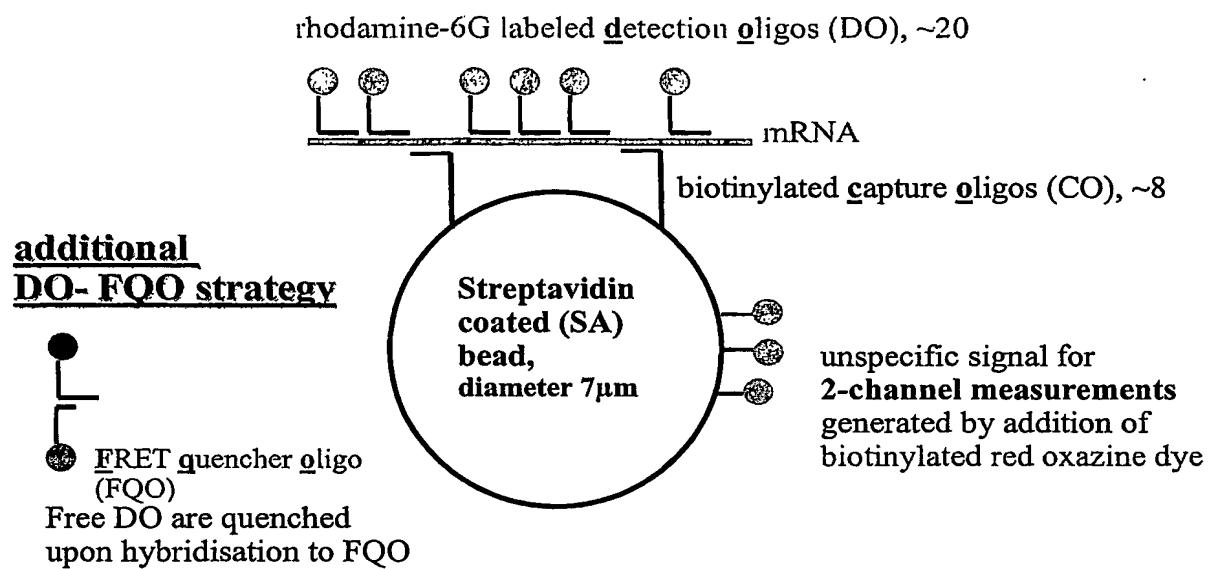


Figure 3

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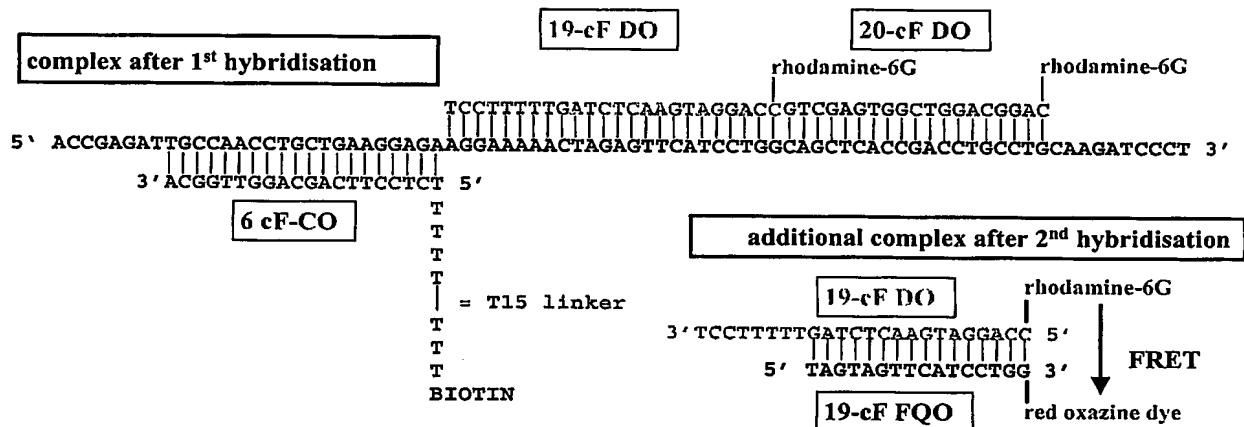


Figure 4

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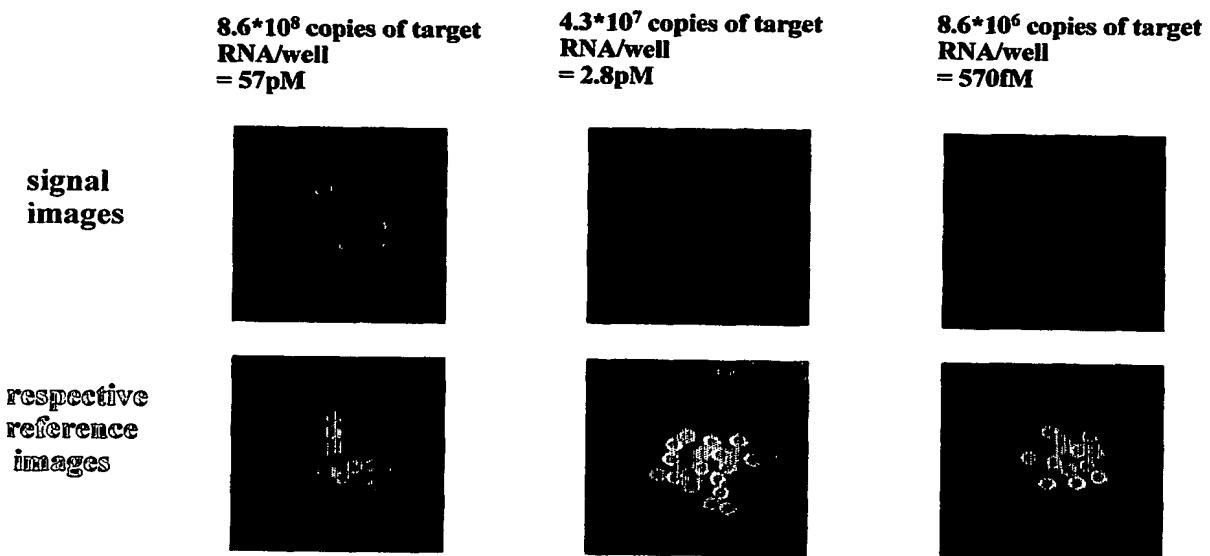
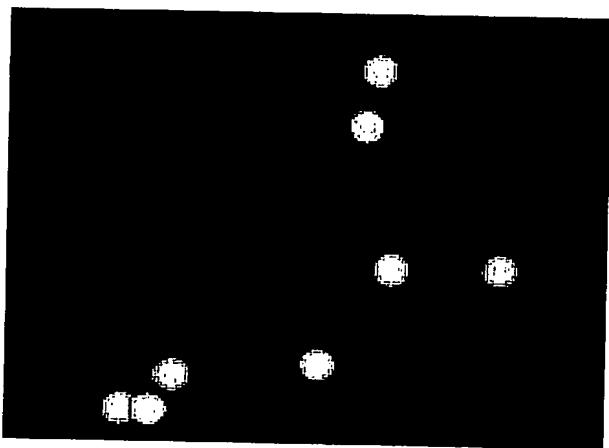


Figure 5

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**Bead recognition is performed
on reference image**



**Generated mask is used for
intensity analysis in signal image**

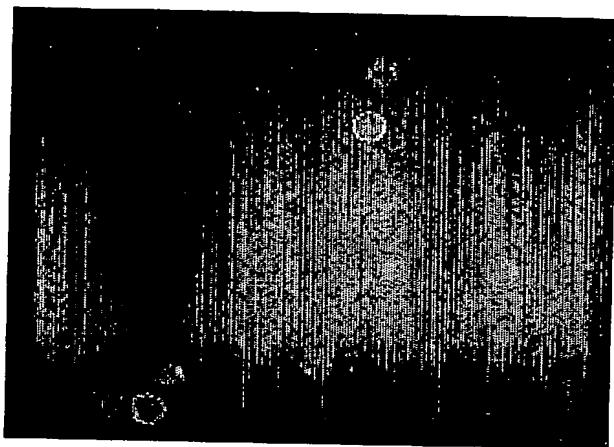


Figure 6

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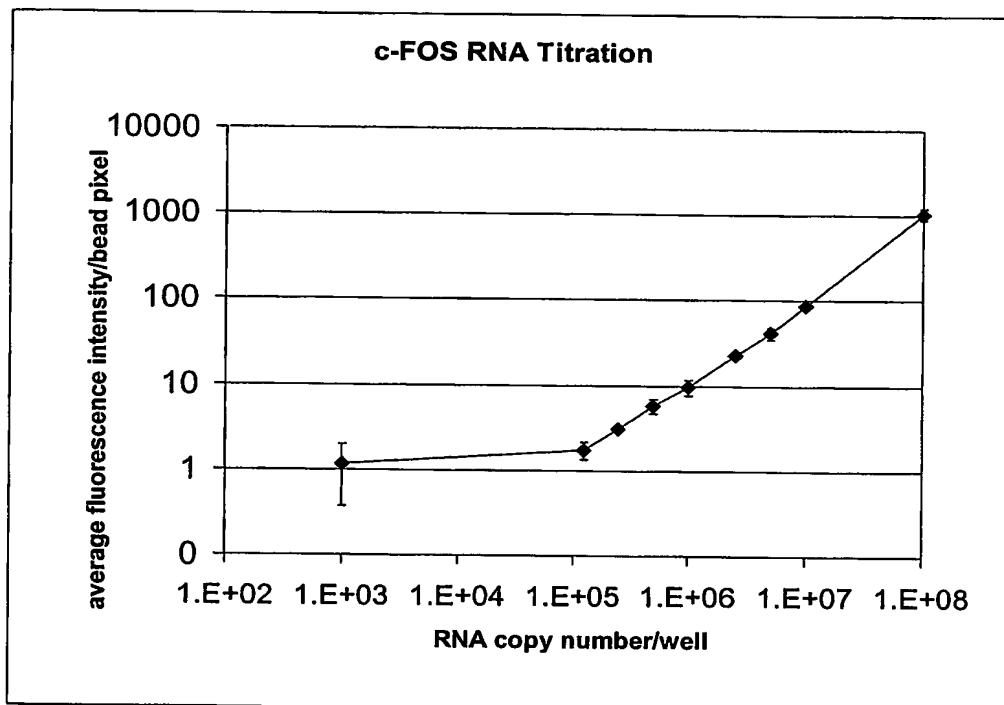


Figure 7

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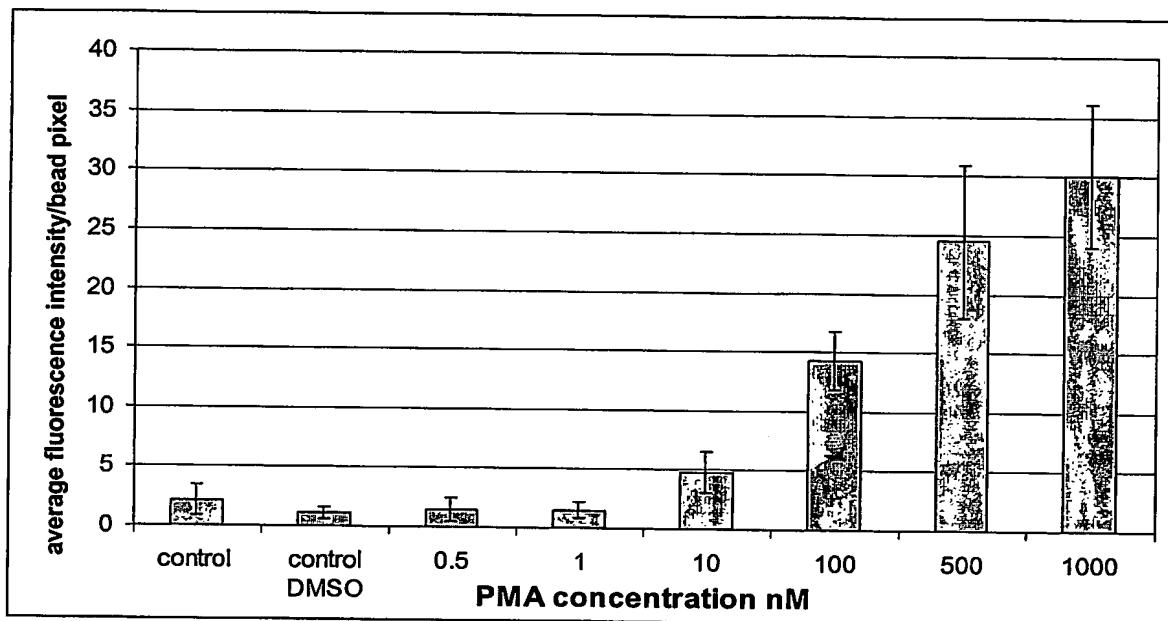


Figure 8

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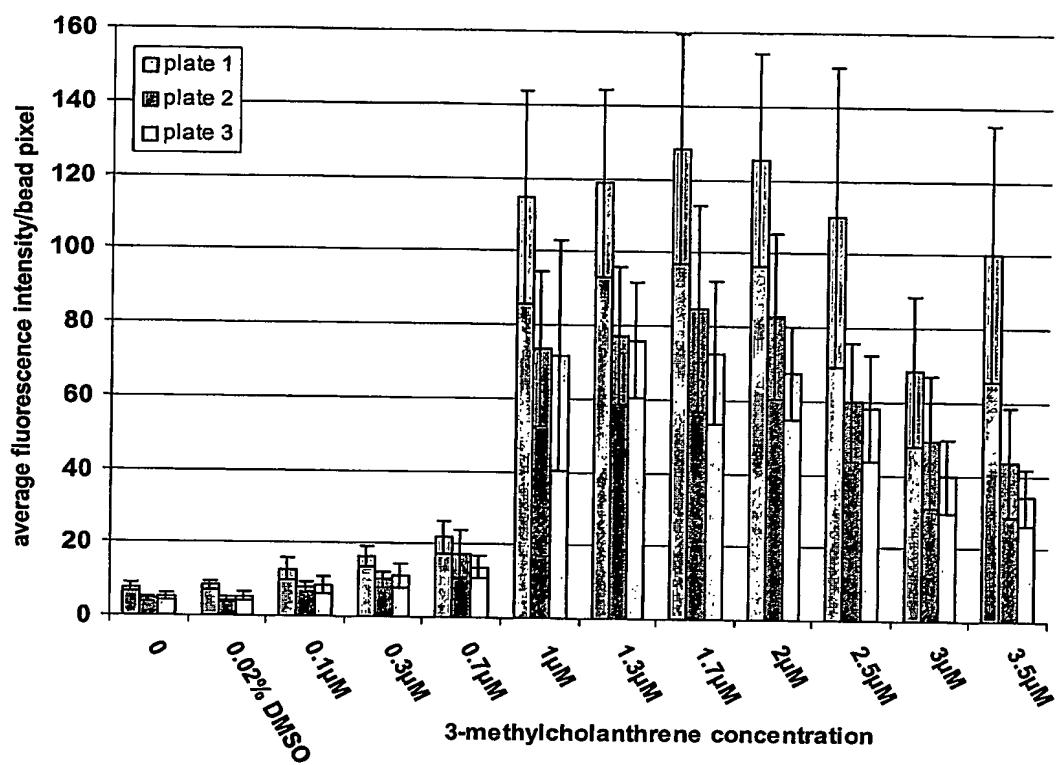


Figure 9

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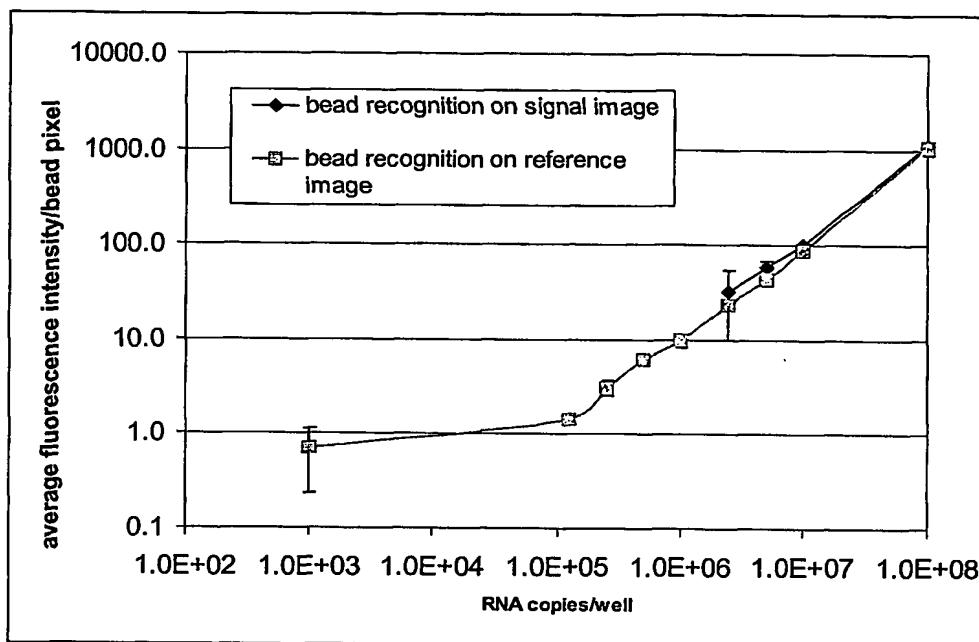


Figure 10

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RNA copies/well	signal image	reference image
1×10^8		
5×10^6		
2.5×10^6		

Figure 11

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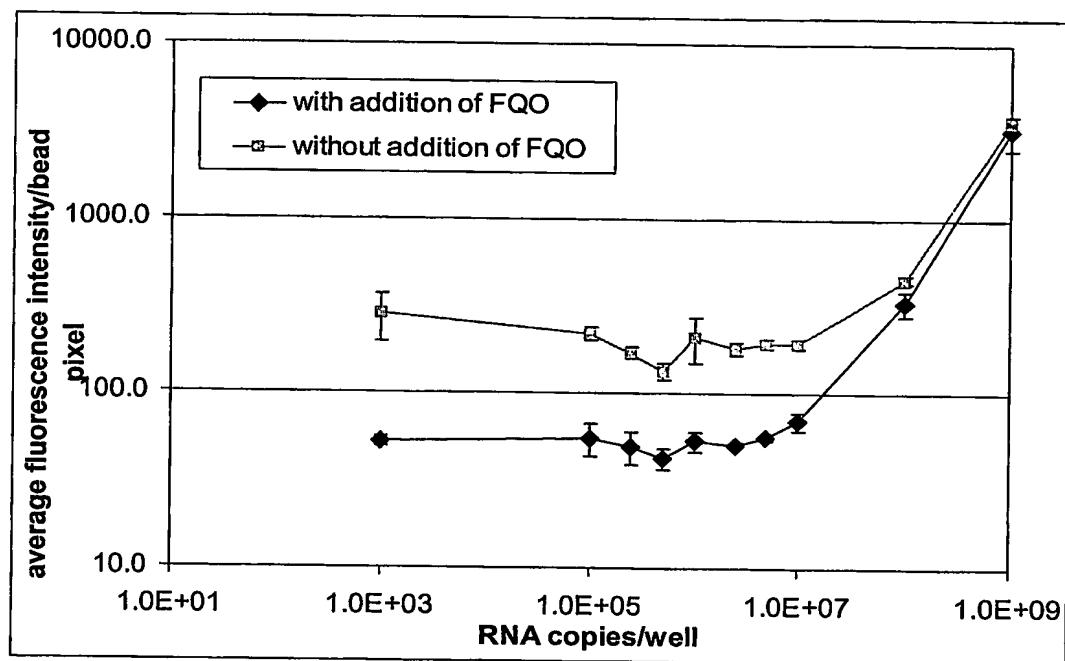


Figure 12